

ABSTRACT OF THE DISCLOSURE

A wedge-operated disc brake apparatus includes a piston for pushing a brake pad toward a brake rotor when driven, an actuator for generating a linear brake-actuating input, a wedge transmission mechanism for converting the linear brake-actuating input into a brake-actuating output in the axial direction of the piston, and an automatic gap adjusting mechanism for automatically adjusting a gap between the brake pad and the brake rotor during a non-braking state. The automatic gap adjusting mechanism includes an adjusting wheel having ratchet teeth and provided on an outer circumference of an end portion of the piston, the end portion being toward the wedge transmission mechanism, an adjusting nut provided on an inner circumference of the piston, an adjusting lever having a pawl which is formed on an end of the lever and is engaged with the ratchet teeth of the adjusting wheel, the adjusting lever being rotated via a spring by means of the brake-actuating input so as to rotate the adjusting wheel, and an adjusting bolt threadingly engaged with the adjusting nut and engaged with the brake pad to thereby be prevented from rotating.